

Takeoff Performance (Citation Excel — 56XFM-XX)

Performance analysis generated:

Date / System Time	= 4-Sep-19 / 1:06:31
Program Version	= 6.2 Build 0
Airport Database Expiration Date	= 11-Sep-19
AFM Supplement	= 48

Requested Condition:

Departure Airport/Runway Information

Departure Airport ID	= OVE
Departure Airport	= OROVILLE MUNI
Departure Runway	= 02
Available Takeoff Runway Length	= 6020 ft
Available Landing Runway Length	= 6020 ft
Runway Gradient	= 0.05 %
Runway Surface	= Dry, Paved

ATIS/Obstacle Information

Airport Elevation	= 194 ft
Altimeter Setting	= 29.94 inHG
Outside Air Temperature	= 28 °C
Wind Direction / Speed	= 200° / 3 knots
Obstacle Analysis Type	= No obstacle analysis selected

Aircraft Configuration

Selected Takeoff Weight	= 19112 lbs
Takeoff Flap Setting	= 7°
Anti-Ice Setting	= OFF

Performance Output:

FAA APPROVED DATA

Field Performance to 35 ft AGL

Pressure Altitude	= 177 ft
Headwind / Crosswind	= -3 / 0 (Left) knots
TO Weight (lbs)	= 19112 lbs

N1 Setting	= 89.1 %
V1 / VR / V2	= 106 / 106 / 123 KIAS
VENR	= 160 KIAS
Takeoff Field Length	= 4638 ft

Single Engine Climb

1st / 2nd / Enroute Net Climb Grad.	= 4.2 / 5.9 / 4.4 %
1st / 2nd / Final Horiz. Flight Path	= 2426 / 26527 / 36263 ft
Takeoff Climb Increment	= 1635 ft
Level Off Altitude	= 1829 ft

Return to Base

Landing Weight	= 19110 lbs
Actual Landing Distance	= 3528 ft
VAPP / VREF	= 125 / 119 KIAS
APP Gross Climb Grad. (15° Flaps)	= 6.0 %
LND Gross Climb Grad. (35° Flaps)	= 17.6 %
Go Around N1 Setting	= 89.1%